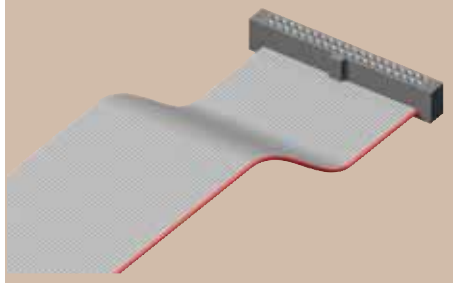
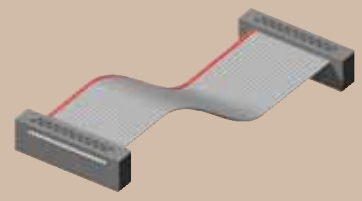
samtec

TIGER™ IDC

(1,27 mm) .050"





FFSD SERIES

TIGER EYE™ FLAT IDC WIRE CABLES

Mates with:
FTS, FTSH, EHF, SHF, ESHF

SPECIFICATIONS

For complete specifications see www.samtec.com?FFSD

Insulator Material:
PBT
Contact:
BeCu
Plating:
10µ" (0,25 µm) Au over 50µ" (1,27 µm) Ni on contact area; Sn over 50µ" (1,27 µm) Ni on balance
Wire:
30 AWG
Current Rating (FFSD/FTSH):
2.3 A per pin
(1 pin powered per row)
Operating Temp Range:
-40°C to +105°C
Lead Size Accepted:
(0,41 mm) .016" SQ
Contact Resistance:
15 mΩ
Insertion Depth:
(2,64 mm) .104" to
(3,17 mm) .125"
Insertion Force:
(Single contact only)
5 oz (1,39 N) avg.
Withdrawal Force:
(Single contact only)
3 oz (0,83 N) avg.
RoHS Compliant:
Yes

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality

FILE NO. E111594

ALSO AVAILABLE (MOQ Required)

- Other sizes

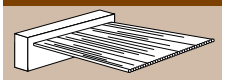
Contact Samtec.

Note: This Series is non-standard, non-returnable.

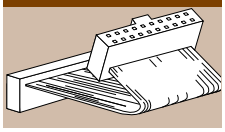
TYPE STRIP – NO. PINS PER ROW – END OPTION – OVERALL LENGTH – 01 – N – OTHER OPTION

NO. PINS PER ROW
–04, –05, –06, –08, –10, –11, –12, –13, –15, –17, –20, –25
(Standard sizes)

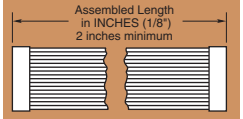
END OPTION
–S = Single End



–D = Double End

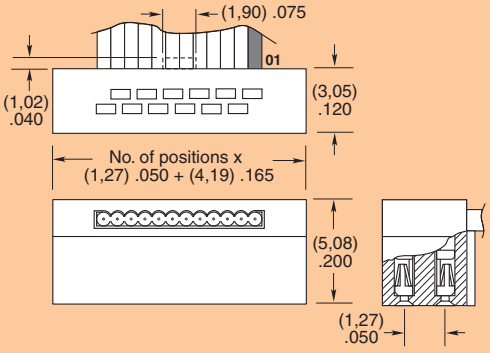


OVERALL LENGTH
–"XX.XX" = Assembled Length



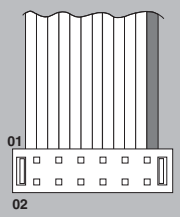
N
–N = Notch Polarization

FFSD = Socket Strip



OTHER OPTION

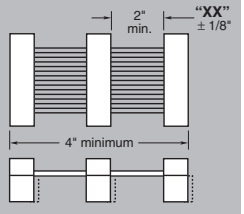
–RW = Reverse Wiring



Red wire opposite position #1.

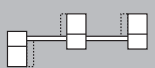
1

–D "XX" = Daisy Chain



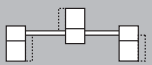
2

–R = Reverse



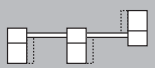
3

–M = Middle Reverse



Requires –DXX 3

–O = Outside Reverse



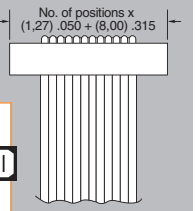
Requires –DXX 3

RUGGEDIZED by SAMTEC

• Strain relief option

–SR = Strain Relief

(Mates only with ESHF Series)



Not available with –O, –M, –R or –DXX

Due to technical progress, all designs, specifications and components are subject to change without notice.

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